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HVAC SYSTEM DISPLAY
ABSTRACT OF THE DISCLOSURE

A set of processes are disclosed for compressing and decompressing bitmapped picture files that are to be stored for later display within a control for an HVAC system. The compression process includes an examination of the first bitmapped pixel in a given bitmapped file followed by a counting of the number of consecutive

5   pixels having the same state as the first pixel. The process continues with analyses of successive numbers of pixels of first one state and then another state and generating a numerical representations as to each number of so counted pixels until the last pixel of the bitmapped picture file data is analyzed. The resulting compressed file is stored in a memory within a control for an HVAC system so that the file can thereafter be read

10 when the file is to be displayed. The reading and decompressing of the stored file is the reverse of the compression of the file whereby each numerical representation is analyzed with the appropriate number of pixels of a given state being produced before proceeding to analyze the next numerical representation.